SJ-5285
EasyNav®

User Manual

Version 1.0

You can stick the serial number label
Of Navigation software in below:

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Chapter 1

Features and Specification

Features

Complete car navigation solution in one box including car mount

- ⌘ Simple touch-screen operation
- ⌘ 3.5” screen, 65536 colors, bright TFT LCD
- ⌘ Smart and easy:
  - Attach, switch it on and go
  - Large function icon design for easy touched
  - Clear, high quality voice-guided instruction
  - Powered by cigarette lighter or long-lift rechargeable battery
  - Easy to be mounted and removed
- ⌘ Built-in antenna; MMCX-type connector for optional external antenna
- ⌘ SD storage card expansion slot
- ⌘ Support MP3 and Movie file (DivX format) playback function
- ⌘ Support photo view

Specification

ヒ Hardware

Processor:	Samsung S3C2440A-40 400MHZ
Screen:	3.5”, 320x240 pixels, 65536 colors TFT LCD
Battery:	Built-in 800mAh Li-ion battery One DC-in jack: DC 5V, 1A, Charging Time: 1.5hrs
GPS Receiver:	SiRF Star III High sensitivity chipset 20 channels” All-in-view” tracking Built-in active antenna MMCX-type connector for optional external antenna Hot start, 1 sec average Warm start, 38 sec average Cold start, 42 sec average
Display interface:	3.5 Diagonal-320x240 pixel, color TFT LCD Touch Screen Support Back light specification: 200 cd/㎡
Audio interface:	Sound: Internal mono loud speaker 3.5mm DIA stereo earphone jack output 1W speaker amplify
SD Expansion Slot:	SD card for maps/application storage
External power:	Cigarette plug or universal adapter
USB port:	USB 1.1
Physical Size:	91.6 mm (L) x 66.3mm (W) x 23.3mm (H)
Buttons:	Power key

ヒ Software

Microsoft Windows CE.Net 4.2 Core version

Application Software, Navigation Software and Map data (pan-Europe)

SD card download the maps data from PC (CD-ROM) via the card reader

Solutions: Car Navigation, MP3 Player, Movie Playback Function, Photo View

	System UI language	Navigation software UI and voice command
Europe version	English, German, French, Italian, Spanish, Traditional Chinese Simplified Chinese Japanese	

Accessories

SJ-5285: (including a stylus)

Car holder:

USB Card Reader:

Car charger:

AC adapter:

Overview

Detailed Hardware Functions

Power button	Press the power button to turn on the SJ-5285, press it again to close any open windows and turn it off. **NOTE:** The SJ-5285 device needs about 2 seconds to enter the standby mode or come back to normal operating state. Thus, the power button may not function well if you continue to press it again within 2 seconds.
Main control Buttons	System Menu Power Key charging: Red
Status indicator	Charging completed: no light
SD card slot	The PC applications and map data can be stored in SD card.
RESET button	Use the stylus tip to press down the reset button through the hole to reset the system.
Earphone jack	Plug the earphone or headset to the socket, you can listen to the navigation voice guide and enjoy your favorite MP3 music.
Data Transfer	Insert the SD card to Card Reader for data transfer.
AC adapter jack	Connect the external power connector by using car charger or AC Adapter.
External Antenna connector	For you to connect an optional MMCX-type external antenna.
Speaker	Allow the MP3 and Voice navigation to played through the built-in speaker in the back side of the device.
Stylus	You can use the stylus pen instead of you finger to tap or input on the screen

Chapter 2

Getting Started

Before you start to use the SJ-5285, please connect it with the AC adapter and plug to power sucker for battery charging. When it is in charging, the status indicator will be blinking. If the battery is fully charged, the status indicator will be off red.

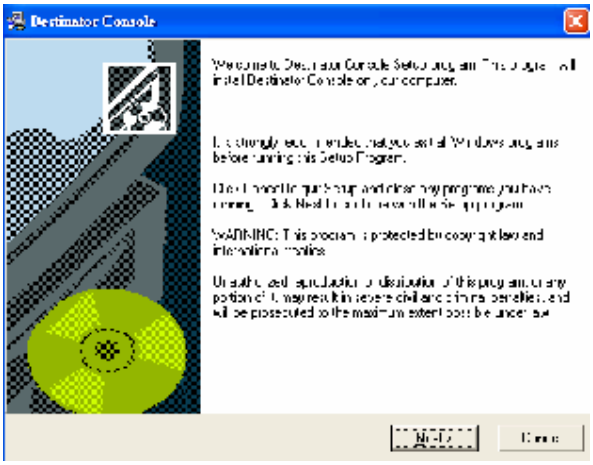
Download Map Application Software to memory card

You have 1 option to download the application software and map data to your SD card.

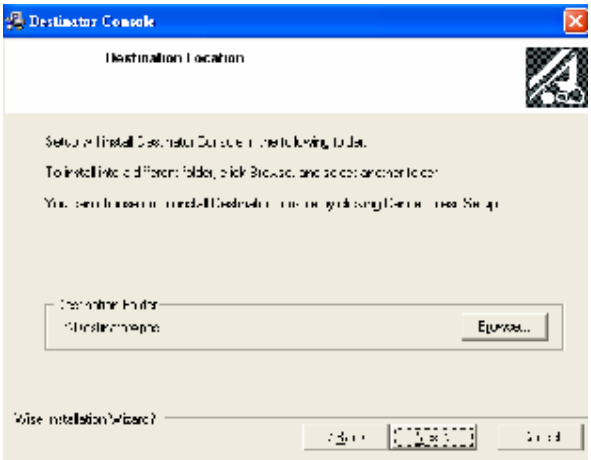
Option 1 (Card reader): Insert the SD card into your card reader which is connected to your PC. (IF you have a card reader, we suggest that you use it for a better data transfer rate.)

Insert the CD into the CD-ROM, please manually execute this program by double click the " instcoll.exe" from the root directory.

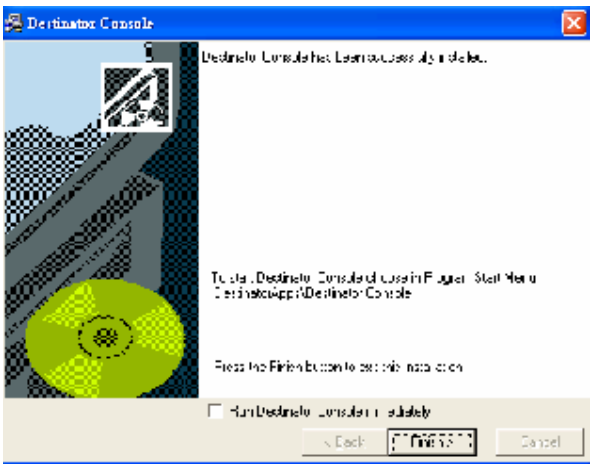
Click on OK



Click on Next



Click on Next



Click on Finish

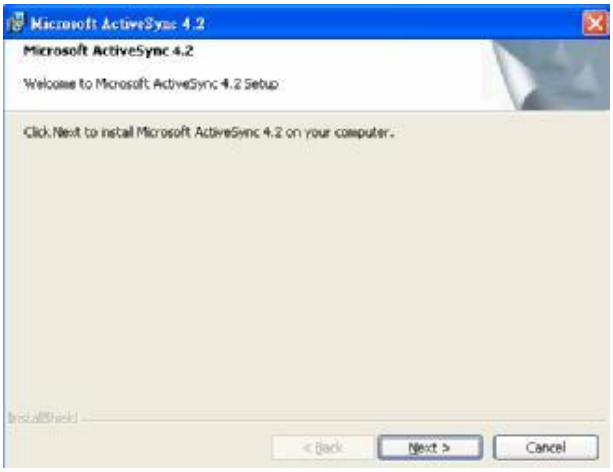
Click on Destinator Console

Standard Maps:
Mexico -25.5 MB
My Maps:
Installed Maps:
DestinAtor 6
Target device: Undefined
Available memory:
0.0 MB
Charge

Chapter 3

Software Application

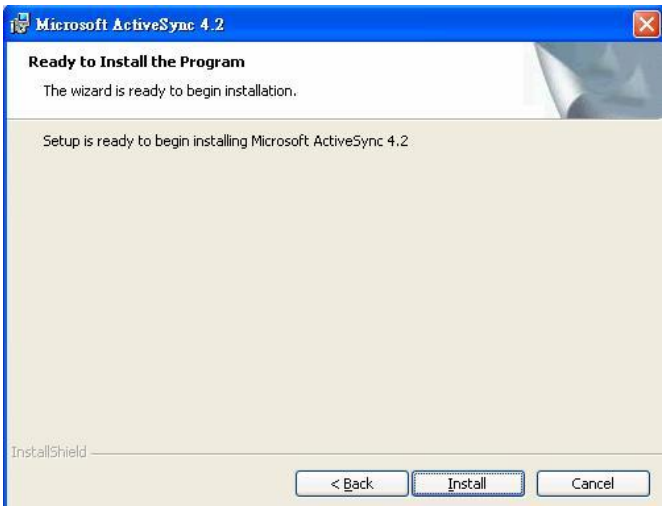
ActiveSync: Insert the SD card into the SJ-5285 and use the provide USB cable to connect SJ-5285 with your PC. (Before you can use this method, you have to install the USB driver for SJ-5285 and the Microsoft ActiveSync. Please see the following note for details)


Microsoft ActiveSync 4.2
Microsoft ActiveSync 4.2
Welcome to Microsoft ActiveSync 4.2 Setup
Click Next to install Microsoft ActiveSync 4.2 on your computer.
< Back
Next >
Cancel

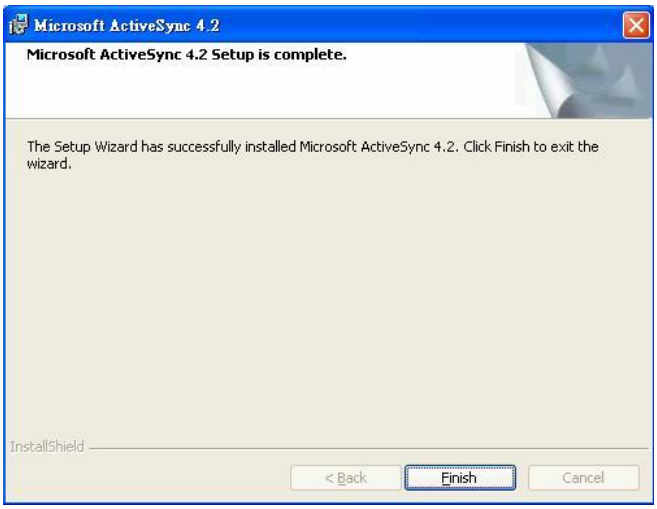
Click on Next

Microsoft ActiveSync 4.2
License Agreement
Please read the following license agreement carefully.
MICROSOFT SOFTWARE LICENSE TERMS
MICROSOFT ACTIVESYNC 4.2
These license terms are an agreement between Microsoft Corporation (or based on where you live, one of its affiliates) and you. Please read them. They apply to the software named above, which includes the media on which you received it, if any. The terms also apply to any Microsoft
I accept the terms in the license agreement
I do not accept the terms in the license agreement
Print
< Back
Next >
Cancel

Click on Next



Click on Install


Microsoft ActiveSync 4.2
Microsoft ActiveSync 4.2 Setup is complete.
The Setup Wizard has successfully installed Microsoft ActiveSync 4.2. Click Finish to exit the wizard.
InstallShield
< Back
Finish
Cancel

Click on Finish

Get Connected
Get Connected
To connect your device to this PC:
1. Connect the cable to the PC
2. Turn on the device
3. Place the device in its cradle
ActiveSync should automatically detect your device.
If your device is not automatically detected, click Next.
If you are using infrared (IR) or Bluetooth, click Help.
< 上一步(B)
下一步(N) >
取消
說明

Click on Next

New Partnership
Set Up a Partnership
Before you can synchronize information between your mobile device and this computer, you must set up a partnership between them.
Would you like to set up a partnership?
Yes
Set up a partnership so that I can synchronize information between my device and this computer.
No
I don't want to synchronize information. Set up my device as a guest so that I can copy or move information between my device and this computer.
< 上一步(B)
下一步(N) >
取消
說明

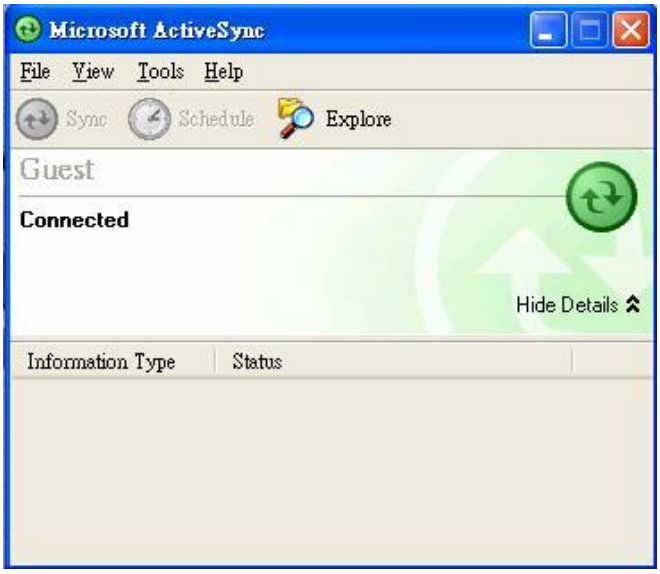
Click on Next

New Partnership
Select Synchronization Settings
Select the type of information you want to synchronize.
File Synchronization
A Synchronized Files folder will be created on your desktop computer. Place files that you want to synchronize into this folder.
Microsoft ActiveSync may need to convert files when synchronizing between your mobile device and this desktop computer. Note: A converted file may not contain all information found in the original file.
OK
Help
To find out more about and to customize what gets synchronized, click on that information type in the list and then click Settings.
Settings...
< 上一步(B)
下一步(N) >
取消
說明

Click on OK

New Partnership
Setup Complete
You are now ready to start exchanging information between your mobile device and this computer.
Upon exiting this wizard, Microsoft ActiveSync will open and:
If your device is a guest, click Explore on the toolbar and start exploring your device.
If your device has a partnership, synchronization starts. Please wait until synchronization is complete before using your device.
Click Finish to exit this wizard.
< 上一步(B)
完成
取消
說明

Click on Finish



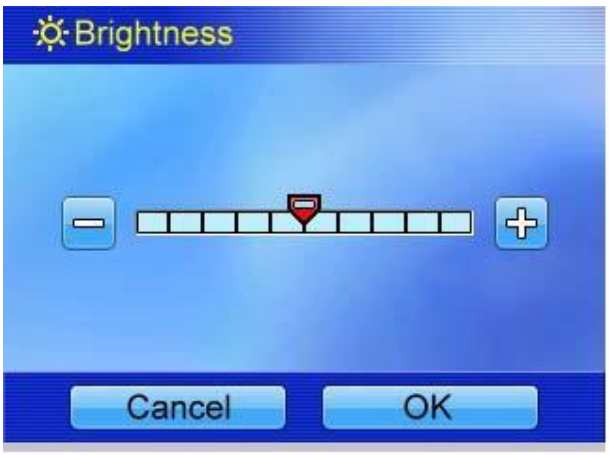
System menu

The system menu screen controls the SJ-5285. All the main features can be accessed from the system menu with five icons. For these 5 program on system menu, you can only run one of them at a time .When you switch to another program or press the" system menu button" on the device, the current program will be closed automatically.

⌘ **Regional setting**

⌘ **Brightness**

You can change the backlight brightness by tapping on the two icons



⌘ **Setting language:**

Set the user interface language

⌘ **Screen**

If you perform a hard reset, a new calibration

Setting of the screen is required. Tap on the center of the cross

Mark, repeat the active when it appears in the four

Corners of screen.

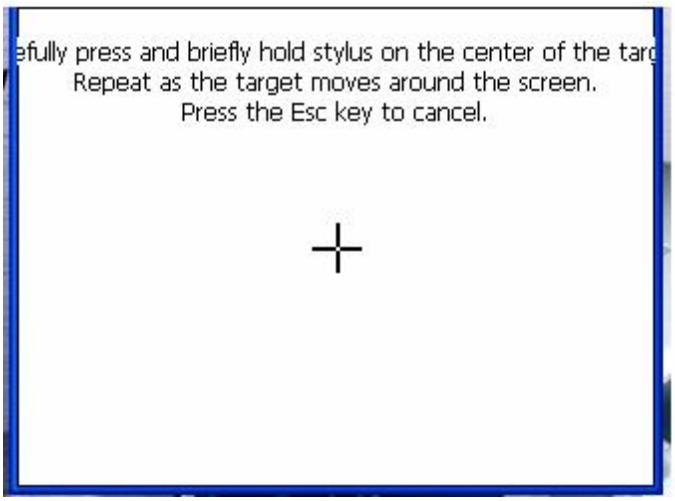

efully press and briefly hold stylus on the center of the targ
Repeat as the target moves around the screen.
Press the Esc key to cancel.

Photo View

Preface

Introduction

The display mode for the album is in landscape mode.

Formats

Image	JPEG (.jpg, .jpeg)

The album only plays image files stored in the root of SDMMC.

Thumbnail views

Description

Press **album** button to view all the files and folders in thumbnail view. (Figure 2.1)

Figure 2.1 Thumbnail views

Click on the folder to view image files within the folder.

Click on the image file to select and click again to unselect.

If the image icon appears to be grey, it indicates the file has been damaged. (Figure 2.2) To delete the damage file, make selection and press the trash button.

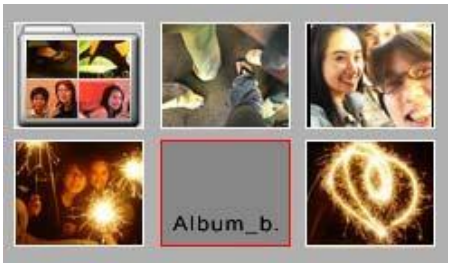


Figure 2.2

More functions on this feature, please refer to **Pictorial descriptions of user interface** and **Descriptions of hardware buttons**.

Pictorial descriptions of user interface

Picture Button	Description
	Folder contains image files
	Exit
	Upward button, to view the previous image
	Downward button, to view the next image
	3D Slide Show
Setup	To view
single image Copy image file	

	Delete

The definition of hardware button

Album		
Thumbnail View		
The function of hardware button		**Description**
Scroll Wheel	**Scroll Up**	Previous image
	Enter	Display the selected image
	Scroll Down	Next image
Left (－) Button		Previous Page
Middle Button		Return To Main Menu
Right (＋) Button		Next page

Browse single image

Description

To browse the selected image file, click on button from the **thumbnail views** window, and **Browse single image** window will appear. (Figure 3.1)

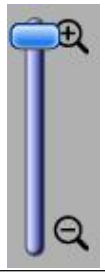
Figure 3.1

To play 3D slide show, click on button.

More functions on this feature, please refer to **Pictorial descriptions of user interface** and **Descriptions of hardware buttons**.

Pictorial descriptions of user interface

Picture Button	Description

	Zoom in/Zoom out
	Exit
	Upward button, to view the previous image
	Downward button, to view the next image
	Rotate image 90 degrees
counterclockwise	Play 3D Slide
Show	
	Browse image in full screen view
	Return to thumbnail views

The definition of hardware button

Album		
Browse single image **（Including full screen）**		
The function of hardware button		**Description**
Scroll	**Scroll Up**	Previous image

	Enter	Open an image file （Full Screen）

	Scroll Down	Next image
Left (－) Button		Previous image
Middle Button		Return To Main Menu
Right (＋) Button		Next image

Slide show set up

Description

To browse image files in slide show mode, click on button from the **thumbnail views** window, and **Slide show set up** window will appear. (Figure 4.1)

Figure 4.1

More functions on this feature, please refer to **Pictorial descriptions of user interface** and **Descriptions of hardware buttons**.

Pictorial descriptions of user interface

Picture Button	Description
3D Special Effects	A. Default （No 3D special effect） B.

	Random Play in 8 different 3D special effects 1. Blooming Flower 2. Jumping Octopus 3. Flying Bird 4. Slide show transitions 6. Sky rocket 8. Flutter
Slide Timings	1. 3 Seconds 2. 5 Seconds 3. 7 Seconds
Yes or No Play Music	1. Yes 2. No
Slide Sorting	1. Loop all（Repeat） 2. Random play
	OK
	Return to thumbnail views

Copy image file

Description

To copy an image file, click on button from the **thumbnail views** window, and Copy image file window will appear. (Figure 5.1)

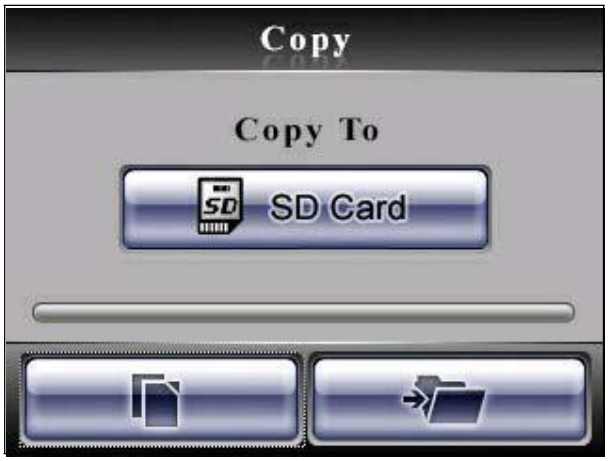


Figure 5.1

More functions on this feature, please refer to **Pictorial descriptions of user interface** and **Descriptions of hardware buttons**.

Pictorial descriptions of user interface

Picture Button	Description
Copy To	1. 2.
	Confirm to copy the image file
	Return to thumbnail views

Delete image file

Description

To delete an image file, click on button from the **thumbnail views** window, and Delete image file window will appear. (Figure 6.1)

Figure 5.1

More functions on this feature, please refer to **Pictorial descriptions of user interface**.

Pictorial descriptions of user interface

Picture Button	Description
	Confirm to delete the image file
	Return to thumbnail views

Movie Playback

Preface

Introduction

The display mode for music/video player is in landscape mode.

Formats

Video	3GP & DivX-AVI
Audio	MP3, AMR-NB/WB, MIDI(含 MID, MMF, RMI)

The player only plays video/audio files in the root of SDMMC.

List view of music/video files

Description

Press **Music/Video** button to view list of files and folders. (Figure 2.1)

Figure 2.1

Click on the folder to view files within the folder.

Click on the file name to select and click again to unselect.

The player is set to play music file when start program. To play video files, click on button.

More functions on this feature, please refer to **Pictorial descriptions of user interface** and **Descriptions of hardware buttons**.

Pictorial descriptions of user interface

Picture Button	Description
	Exit
	Previous folder/file（Landscape）
	Next folder/file（Landscape）
	Toggle music/video mode □ Music Playing
	Toggle music/video mode □ Video Playing
	Play
	Copy music/video file
	Delete

Descriptions of hardware buttons

<table>
<tr><th colspan="3">Music/Video Player</th></tr>
<tr><th colspan="3">List View</th></tr>
<tr><th colspan="2">The function of hardware button</th><th>Description</th></tr>
<tr><td rowspan="3">Scroll Wheel</td><td>Scroll Up</td><td>Previous Music/Video</td></tr>
<tr><td>Enter</td><td>Start music/video player and play selected music/video file</td></tr>
<tr><td>Scroll Down</td><td>Next Music/Video</td></tr>
<tr><td colspan="2">Left (－) Button</td><td>Previous Page</td></tr>
<tr><td colspan="2">Middle Button</td><td>Return To Main Menu</td></tr>
<tr><td colspan="2">Right (＋) Button</td><td>Next page</td></tr>
</table>

Play music/video file

Description

Click on button to play the selected file. (Figure 3.1)

Figure 3.1

Click on button to return to the list view of music/video files, this button can't be active under the **Artist and Album** mode.

More functions on this feature, please refer to **Pictorial descriptions of user interface** and **Descriptions of hardware buttons**.

Pictorial descriptions of user interface

Picture Button	Description
	Exit

		Previous song
		Next song
		Play
		Pause
Playing Mode		Normal（All songs play once）
		Single song loop
		Loop all（Repeat）
		Random
		Random with loop all
		EQ Setup（Default：no equalizer）
		Return to the list view of music /video files
		Speaker On

	Speaker Off
	Volume Up/Down

Descriptions of hardware buttons

Music/Video Player		
Playing View		
The function of hardware button		**Description**
Scroll Wheel	**Scroll Up**	Previous music/video
	Enter	Pause / Replay
	Scroll Down	Next Music/Video
Left (－) Button		Volume Down
Middle Button		Return To Main Menu
Right (＋) Button		Volume Up

EQ sound library

Description

Click on button for EQ sound library. (Figure 4.1)

Figure 4.1

More functions on this feature, please refer to **Pictorial descriptions of user interface**.

Pictorial descriptions of user interface

Picture Button	Description
	Previous EQ option（Landscape）
	Next EQ option（Landscape）
	Default：no equalizer
Bass	
Classic	

EQ set up	Dance	
	Electronic	
	Folk	
	Heavy mental	
	Hip-hop	
	Jazz	
	New age	
	Piano Rock	
	’ n roll Pop	
	music Rap	
		OK
		Return to the list view of music /video files

Copy music/video files

Description

To copy a music/video file, click on button. (Figure 5.1)

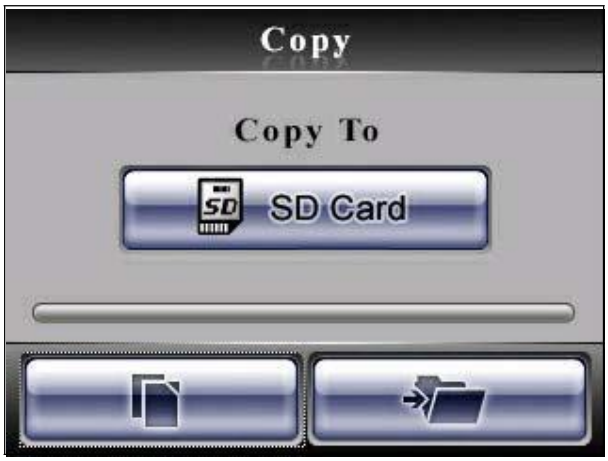


Figure 5.1

More functions on this feature, please refer to **Pictorial descriptions of user interface**.

Pictorial descriptions of user interface

Picture Button	Description
Copy To	1. My Storage 2. SD Card
	Confirm to copy the file
	Return to the list view of music /video files

Delete music/video file

Description

To delete music/video file, click on button. (Figure 6.1)

Figure 6.1

More functions on this feature, please refer to **Pictorial descriptions of user interface**.

Pictorial descriptions of user interface

Picture Button	Description
	Confirm to delete music/video file
	Return to the list view

Frequently Asked Questions

I have problem to get a GPS fix

If you have problem getting a satellite fix with the GPS(you can see how many satellites are being received on the main menu at the bottom left), please make sure that you are outside and the GPS antenna has a good visibility to the open sky. Some dels also do support an additional external active antenna. Please also consult with the hardware manual of your device to get further information of how to obtain a GPS fix

Where can I get technical support?

Please access http://www.sja.com.tw

Chapter 4

Troubleshooting

If the SJ-5285 does not boot up successfully or does not function properly:

1. Please check if the Application software is properly installed in the memory card
2. Please check if the SD memory card is inserted into the SD expansion slot.
3. Please check if the battery power is inserted into AC adapter
4. Perform the" Soft Reset". If this doesn't solve your problem, perform the "Hard Reset" (Performing a Hard Reset should solve most of the problems.)

Soft Reset and Hard Reset:

If your SJ-5285 is down or it encounters an unexpected error, you can **reset it. There** are two types to reset: a hard reset and a soft reset. You will need to use a stylus or pencil to press the reset button.

Soft Reset

Pressing the reset button will restart the system retaining all the information stored on the device.

Hard Reset

A hard reset will re-initialize the SJ-5285 back to the factory settings. You should not need to use this under normal operating conditions. To start a hard reset, you need to press and hold the reset button meanwhile pressing down the power button.